

# INSTALLATION INSTRUCTIONS AND OWNER'S MANUAL



Installer: Leave this manual with the appliance. Consumer: Retain this manual for future refer-

ence.

WARNING: If the information in these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- WHAT TO DO IF YOU SMELL GAS
  - Do not try to light any appliance.
  - Do not touch any electrical switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.



### EFFECTIVE DATE AUGUST 2006

This appliance may be installed in an aftermarket, permanently located, manufactured home (USA only) or mobile home, where not prohibited by state or local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

WARNING: If not installed, operated and maintained in accordance with the manufacturer's instructions, this product could expose you to substances in fuel or from fuel combustion which can cause death or serious illness.

## **TABLE OF CONTENTS**

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### THIS IS A HEATING APPLIANCE DO NOT OPERATE THIS APPLIANCE WITHOUT FRONT PANEL INSTALLED.

- Due to high temperatures the appliance should be located out of traffic and away from furniture and draperies.
- Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.
- Young children should be carefully supervised when they are in the same room as the appliance.
- Clothing or other flammable material should not be placed on or near the appliance.
- Any safety screen or guard removed for servicing an appliance must be replaced prior to operating the appliance.
- Keep burner and control compartment clean.
- Vent cap hot while furnace is in operation.
- Installation and repair should be done by a QUALIFIED SERVICE PERSON. The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding materials, etc. It is imperative that control compartments, burners and

circulating air passageways of the appliance be kept clean.

- DO NOT put anything around the furnace that will obstruct the flow of combustion and ventilation air.
- DO keep the appliance area clear and free from combustible material, gasoline and other flammable vapors and liquids.
- DO examine venting system periodically and replace damaged parts.
- DO make a periodic visual check of pilot and burner. Clean and replace damaged parts.
- CAUTION: Pilot hole cover must be kept tightly closed during operation.
- DO NOT use this heater if any part has been under water. Immediately call a qualified service technician to inspect the heater and to replace any part of the control system and any gas control which has been under water.

### SAFETY INFORMTAION FOR USERS OF LP-GAS

Propane (LP-Gas) is a flammable gas which can cause fires and explosions. In its natural state, propane is odorless and colorless. You may not know all the following safety precautions which can protect both you and your family from an accident. Read them carefully now, then review them point by point with the members of your household. Someday when there may not be a minute to lose, everyone's safety will depend on knowing exactly what to do. If, after reading the following information, you feel you still need more information, please contact your gas supplier.

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- Learn to recognize the odor of LP-gas

### **REQUIREMENTS FOR MASSACHUSETTS**

"GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS".

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### **INTRODUCTION**

#### Introduction

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### Warning:

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#### Important

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### Qualified Installing Agency

National Fuel Gas Code ANSI Z223.1/NFPA 54\* Natural Gas and Propane Installation Code, CSA B149.1. \*Available from the American National Standards Institute, Inc., 11 West 42nd St., New York, NY 10036.

#### **High Altitudes**

## **SPECIFICATIONS**

Model	DV-25	DV-35
Accessories for the Above Furnaces		

#### Locating Gas Supply

- Note:
- Note:

- - FLEXIBLE GAS LINE CONNECTION



#### **RIGID GAS LINE CONNECTION**



### CLEARANCES

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WARNING:

### **INSTALLATION INSTRUCTIONS**

#### **Location of Furnace**

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INCHES (mm)



#### Figure 4

#### **Installing Wall Mounting Bracket**



### **INSTALLATION INSTRUTIONS (continued)**

#### **Attaching Furnace To Wall Mounting Bracket**

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### **Cutting Vent Tubes**

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#### **Installing Vent Assembly**

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#### Reassembly And Resealing Vent-Air Intake System

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# Installing a Vent Near a Window Ledge, Other Type of Projection or on Vinyl Siding

Warning:		 	
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### THERMOSTAT LOCATION

Interior Wall

### System Check (Figure 6)

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#### Piezo Pilot Ignitor Instructions





### **LIGHTING INSTRUCTIONS**

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### GAS CONTROL KNOB SHOWN IN "OFF" POSITION



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- PILOT THERMOPILE
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### **PILOT FLAME CHARACTERISTICS**

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### MAIN BURNER FLAME CHARACTERISTICS





### Primary Air Adjustment (Figure 9)





Figure 9

### MAINTENANCE

#### **Removing Main Burner**

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### Cleaning Main Burner

### **Removing Main Burner Orifice**

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### **Removing Pilot Orifice**

### **Cleaning Pilot Orifice**

### **Cleaning Combustion Chamber**

### TROUBLESHOOTING

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### HOW TO ORDER REPAIR PARTS

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### PARTS LIST

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### **OPTIONAL BLOWER INSTALLATION INSTRUCTIONS**

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# **SERVICE NOTES**



# **SERVICE NOTES**



